

August 1, 2005

REVISION OF SECTION 107
PROJECT SAFETY PLANNING

NOTICE

This is a standard special provision that revises or modifies CDOT's *Standard Specifications for Road and Bridge Construction*. It has gone through a formal review and approval process and has been issued by CDOT's Project Development Branch with formal instructions for its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by CDOT's Standards and Specifications Unit. The instructions for use on CDOT construction projects appear below.

Other agencies which use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

Instructions for use on CDOT construction projects:

Use this standard special provision on all projects.

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Section 107 of the Standard Specifications is hereby revised for this project as follows:

Delete subsection 107.06 and replace with the following:

107.06. Safety, Health, and Sanitation Provisions.

- (a) *Contractor Responsibilities.* The Contractor shall ensure compliance with applicable Federal, State, and local laws, rules, regulations, and guidelines governing safety, health and sanitation, including but not limited to the Project Safety Management Plan (Plan) described below, the Occupational Safety and Health Act, 29 CFR 1910, 29 CFR 1926, Mine Safety and Health Administration (MSHA), Title 30 CFR, the "Colorado Work Zone Best Practices Safety Guide", national consensus standards, and the Drug-Free Workplace Act (Public Law 100-690 Title V, subtitle D, 41 USC 701 et seq.). The Contractor shall provide all safeguards, safety devices, and protective equipment, and shall take all other actions necessary to protect the life, safety and health of persons working at or visiting the project site, and of the public and property in connection with the performance of the work covered by the Contract. In the case of conflicting requirements, the more stringent of the requirements shall apply. The Contractor shall require that all operations and work practices by Contractor, subcontractors, suppliers, and Department personnel comply with the provisions of the Plan.
- (b) *Safety Officer.* Prior to the start of construction, the Contractor shall designate a Safety Officer and an *alternate*, who shall be responsible for the coordination of safety activities, and preparation and implementation of the Plan.
- (c) *Competent Persons.* Prior to the start of construction, the Contractor shall designate at least one competent person for each of the construction activities being completed. Construction activities and safety considerations that must be addressed shall include, but are not limited to: lead abatement, hearing protection, respiratory protection, rigging, assured grounding, scaffolding, fall protection, cranes, trenching and excavating, steel erection, underground construction (including caissons and cofferdams), demolition, blasting and the use of explosives, stairways and ladders, asbestos, and confined space. The appropriate competent persons shall be present on the project site at all times during construction activities. A competent person is an individual who, by way of training, experience, or combination thereof, is knowledgeable of applicable standards, is capable of identifying existing and predictable workplace hazards relating to a specific construction activity, is designated by the employer, and has authority to take appropriate actions.
- (d) *Project Safety Management Plan.* Prior to the start of construction, the Contractor shall prepare a written Project Safety Management Plan (Plan) which shall be specific to the project. The Plan shall include:
- (1) Designation of a Safety Officer and an alternate, and competent persons for each construction activity as described above.
 - (2) A list of all significant and/or high-risk construction activities and safety considerations as described above, and a hazard assessment for each.
 - (3) Direction as to whether engineering, administrative, personal protection measures, training, or a combination thereof, shall be implemented to address the hazards identified in (2) above.
 - (4) Provisions for field safety meetings. The Contractor shall conduct field safety meetings at the frequency specified in the Plan, once per week at a minimum. The Contractor shall encourage participation by all persons working at the project site. Participants at these meetings shall discuss specific construction activities for that work period, results from safety inspections, required personal protective equipment, and all other necessary safety precautions.
 - (5) Provisions for project safety meetings. The Contractor shall conduct project safety meetings to discuss accidents, incidents, safety goals, near misses, and results of safety inspections. The Contractor shall notify the Engineer of the time, date, and location of these meetings, shall require participation by all persons (including Department personnel) working at the project site, and shall track attendance through sign-up lists.
 - (6) Procedures for assuring compliance by subcontractors, suppliers, and authorized visitors to the project. In addition, the Plan shall specify the measures that will be taken to discourage unauthorized personnel from entering the site.

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- (7) Procedures to be followed in cases where workers are suspected of drug or alcohol impairment.
- (8) Provisions for project safety inspections. The Contractor shall conduct regular project safety inspections at the frequency specified in the Plan, once per month at a minimum. The Contractor shall maintain documentation on the project site, including the date of these inspections, the findings, and the corrective measures taken to address the findings.
- (9) Procedures to be followed to correct violations of the Plan by any personnel.
- (10) The notification, investigation, and implementation procedures that the Contractor shall follow in the case of a safety stand down.
- (11) The Contractor's certification as follows:

By authorized signature below, (Contractor name), hereinafter referred to as 'the Contractor', hereby certifies that this Project Safety Management Plan (Plan) complies with and meets applicable Federal, State, and local laws, rules, regulations and guidelines governing safety, health and sanitation, including but not limited to the Occupational Safety and Health Act, 29 CFR 1910, 29 CFR 1926, Mine Safety and Health Administration (MSHA), Title 30 CFR, the "Colorado Work Zone Best Practices Safety Guide", national consensus standards, and the Drug-Free Workplace Act (Public Law 100-690 Title V, subtitle D, 41 USC 701 et seq.). All operations and work practices of the Contractor will comply with this Plan. The Contractor requires that all subcontractors, suppliers and Department personnel comply with this Plan.

(Signature of Contractor's Safety Officer or alternate)

Title

Date

The Contractor shall submit the Plan to the Engineer for the project records, and shall provide updates to the Plan as necessary. An up-to-date copy of the Plan shall be on the project site in the Contractor's possession at all times.

- (e) *Project Safety & Health Requirements.* All personnel on the project site shall wear the following personal protective equipment (PPE) at all times when in the State Highway Right of Way, except when in their vehicles:
 - (1) Head protection and high visibility apparel, reflectorized for night use, and footwear, all of which shall comply with the latest appropriate national consensus standards.
 - (2) All other PPE that is stipulated by the Plan. All PPE shall comply with the latest appropriate national consensus standards.
- (f) *Safety Stand-Down.* The Engineer may immediately suspend all or part of any work in the case of an accident (including property damage), or catastrophe (three or more persons hospitalized in a single incident), or other situation presenting an imminent danger to life or health, such as a near miss, violation of the Plan, and/or presence of a hazardous situation. In the case of a worksite fatality directly related to the Contractor's or any subcontractor's work operations, the safety stand-down shall be mandatory. In the case of a traffic fatality unrelated to a work-zone incident in the opinion of the Engineer, the safety stand-down will not be mandatory. During any mandatory safety stand-down due to a fatality, all work on the project shall cease, except that work deemed necessary by the Engineer to immediately correct unsafe conditions. The Contractor shall be allowed to resume operations only after providing documentation, certified by the Safety Officer or alternate, regarding the corrective actions taken to prevent recurrence. The Contractor may be granted a non-compensable, excusable delay, up to three days, for the period of time during which no work was pursued due to each safety stand-down.

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(g) *Regulatory Enforcement Actions.* The Contractor shall provide written notifications of all Regulatory agency actions relating to safety to the Engineer.

All costs associated with the preparation and implementation of the Plan, and complying with all safety, health, and sanitation provisions and requirements will not be measured and paid for separately, but shall be included in the work.